

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-44 (Canceled)

45. (Currently Amended) An electrokinetic delivery system for self-administration of a medicament to a treatment site, comprising:

an applicator having a self-contained power source, processing circuitry, ~~a first~~ an active electrode on one side of said applicator and a ground counter electrode on an opposite side of said applicator, said power source, circuitry and said electrode lying in electrical contact with one another;

a touch-sensitive switch on the applicator whereby, upon application of the applicator to a treatment site with the medicament or a carrier therefor interposed between the applicator and the treatment site, and application of an individual's finger to said counter electrode to activate the touch-sensitive switch and to maintain the applicator against the treatment site, completion of an electrical circuit through the first active electrode, the medicament or a carrier thereof, the treatment site, the individual's body including the finger overlying the counter electrode ~~the touch-sensitive switch and the ground electrode~~ causes an electrical current to flow for electrokinetically driving the medicament into the treatment site.

46. (Previously Presented) A system according to Claim 45 wherein said applicator contains the medicament.

47. (Previously Presented) A system according to Claim 45 wherein said applicator contains the medicament and said carrier, said carrier comprising conductive hydration fluid.

48. (Previously Presented) A system according to Claim 45 including an LED carried by said applicator for indicating activation of the applicator.

49. (Currently Amended) A system according to Claim 45 including a vibrator responsive to activation of the applicator to indicate ~~application thereof~~ a working status of the applicator.

50. (Canceled)

51. (Previously Presented) A system according to Claim 45 wherein said applicator contains the medicament and a seal releasably attached to the applicator to seal the medicament.

52. (Currently Amended) A system according to Claim 45 wherein the ~~first~~ active electrode is located on one side of the applicator and a tacky substance is located on the opposite side of the applicator to facilitate manipulation and application of the applicator to the treatment site.

53. (Currently Amended) A system according to Claim 45 wherein the ~~first~~ active electrode is located on one side of the applicator and an electrically conductive material is located on the opposite side of the applicator to enable electrical interconnection between the individual's finger and the ~~ground~~ counter electrode.

54. (Previously Presented) A system according to Claim 53 wherein said electrically conductive material is a tacky substance to facilitate manipulation and application of the applicator to the treatment site.

55. (Currently Amended) A system according to Claim 45 wherein said ~~first~~ active electrode, said processing circuitry and said ~~ground~~ counter electrode are stacked in registration with one another ~~between~~ with said active and counter electrodes lying along respective opposite sides of said applicator.

56. (Currently Amended) A system according to Claim 55 including a medicament on one side of the applicator and a tacky substance located on an opposite side of said applicator with said medicament and said tacky substance being stacked in registration with said electrodes and said processing circuitry ~~between~~ and disposed along said opposite sides of said applicator, respectively.

57. (Currently Amended) A system according to Claim 55 including a medicament on one side of the applicator and an electrically conductive material located on the opposite side of said applicator, said medicament, ~~and~~ said electrically conductive material and said touch-sensitive switch being stacked in registration with said electrodes and said processing circuitry ~~between said opposite sides of said applicator.~~

58. (Previously Presented) A system according to Claim 57 wherein said electrically conductive material is a tacky substance to facilitate manipulation and application of the applicator to the treatment site.

59. (Currently Amended) A system according to Claim 45 wherein said processing circuitry includes at least one of a microprocessor, a microcontroller, an ASIC, or a programmable logic array, and a medicament on one side of the applicator and an electrically conductive material located on the opposite side of said applicator, said medicament and said electrically conductive material being stacked in registration with said electrodes and said processing circuitry ~~between said~~ and disposed along opposite sides of said applicator, respectively.

60. (Currently Amended) A method of treatment by electrokinetic self-administration of a medicament into a treatment site for an individual, comprising the steps of:

- (a) providing an applicator having a self-contained power supply, ~~a first-an active~~ electrode on one side of the applicator and a groundcounter electrode spaced from the ~~firstactive~~ electrode and lying along an opposite side of said applicator, said ~~firstactive~~ electrode, groundcounter electrode and power supply being electrically coupled to one another;
- (b) applying the applicator to the treatment site;
- (c) placing a finger for electrical contact with the groundcounter electrode on said opposite side of the applicator remote from the one side thereof to complete an electric circuit through the individual's finger, the treatment site, medicament interposed between the ~~firstactive~~ electrode and the treatment site, the ~~firstactive~~ electrode and the groundcounter electrode thereby to electrokinetically drive the medicament into the treatment site.

61. (Previously Presented) A method according to Claim 60 including providing a pad on the applicator on said one side thereof containing the medicament.

62. (Previously Presented) A method according to Claim 60 including providing a pad on the applicator on said one side thereof containing the medicament and a hydrating fluid.

63. (Previously Presented) A method according to Claim 60 including enabling the applicator for one-time use only.

64. (Previously Presented) A method according to Claim 60 including electrically enabling the electrical circuit by providing and pressing a touch-sensitive switch on the applicator.

65. (Currently Amended) A method according to Claim 60 wherein step (a) includes stacking a medicament, said ~~first~~ active electrode, said self-contained power supply, said

~~ground~~counter electrode and at least one of a tacky substance or an electrically conductive material in registration one over the other ~~between~~with said active and counter electrodes lying along respective opposite sides of the applicator.

66. (Previously Presented) A method of treatment by electrokinetic self-administration of a medicament into a treatment site for an individual comprising the steps of:

- (a) providing an applicator having a self-contained power supply, a first electrode on one side of the applicator and a ground electrode on said one side of the applicator spaced from the first electrode, said first electrode, said ground electrode and said power supply being electrically coupled to one another;
- (b) applying the applicator to the treatment site with the first electrode overlying the treatment site and the second electrode spaced from the treatment site in electrical contact with the individual's body; and
- (c) completing an electrical circuit through the individual's body, medicament or a carrier therefor interposed between the first electrode and the treatment site, the first electrode and the ground electrode, thereby to electrokinetically drive the medicament into the treatment site.

67. (Previously Presented) A method according to Claim 66 including releasably adhesively securing the applicator to the individual's body at a location adjacent the treatment site.

68. (Previously Presented) A method according to Claim 66 including providing a pad on the applicator on said one side thereof containing the medicament and providing an electrical path from the first electrode through the medicament carried by the applicator to the treatment site.

69. (Previously Presented) A method according to Claim 68 including providing hydration fluid carried by said pad between the first electrode and the treatment site, enabling the hydration fluid to carry the medicament into the treatment site upon activation of the electrical circuit.

70. (Previously Presented) A method according to Claim 66 wherein step (a) includes stacking a medicament, said first electrode, said self-contained power supply, said ground electrode and at least one of a tacky substance or an electrically conductive material between opposite sides of the applicator in registration one with the other.

71. (Previously Presented) A method according to claim 60 wherein step (a) includes providing a tacky substance on the side of the applicator remote from the one side thereof to facilitate manipulation and application of the applicator to the treatment site by the individual.

72. (Previously Presented) A method according to claim 60 wherein step (a) includes providing an electrically conductive material on the side of the applicator remote from the one side thereof to facilitate electrical contact between the individual's finger and the ground electrode.